

PRODUCT DATA SHEET

VDR 900

Tyre Construction: Radial

Type: Tube Less

Main Applications: Sprayer & Tractor

TRA Code: R-1W



Salient Features:

- Built to handle 40% more load than a conventional radial tire, or the same load at 40% lower pressure.
- VF tires with stronger lugs with larger Contact Patch gives Excellent traction with self-cleaning characteristics which decreases slippage, delivers lower fuel consumption, and increases overall productivity.
- Steel Belts offers Puncture Protection and distributes uniform ground pressure which helps less soil compaction and less crop damage.
- Reinforced sidewalls and bead zones offer increased casing stiffness to carry extra load.
- The more radially stiffer tyre makes it possible to transition from field to road and vice versa without adjusting the pressure. At the reduced pressure required for field use, the tyre can also run at full speed on the road yet deliver the same fuel efficiencies as a standard tyre at road pressure.



Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)					
		SW	OD					Speed (kmph) (mph)					
		mm	mm	mm	mm		bar	10	25	30	40	50	65
		inch	inch	inch	inch		Psi	6	16	19	25	31	40
VF 580/85R42 (SB)	DW20B	595	2040	935	6126	183 D	1.0	5430	5090	5040	4940	4940	4940
							15	11960	11210	11100	10880	10880	10880
							1.2	6110	5720	5660	5550	5550	5550
							17	13460	12600	12470	12220	12220	12220
							1.6	7470	6990	6930	6790	6790	6790
							23	16450	15400	15260	14960	14960	14960
	23.4	80.3	36.8	241.2	2.0		8200	7670	7600	7450	7450	7450	
					29		18060	16890	16740	16410	16410	16410	
					2.4		8720	8170	8090	7930	7930	7930	
					35		19210	18000	17820	17470	17470	17470	
					2.8		9630	9010	8930	8750	8750	8750	
					41		21210	19850	19670	19270	19270	19270	
VF 380/90R46 (SB)	W13	383	1852	866	5561	173 D	1.0	3120	2930	2900	2840	2840	2840
							15	6870	6450	6390	6260	6260	6260
							1.6	4290	4020	3980	3900	3900	3900
							23	9450	8850	8770	8590	8590	8590
							2.0	4710	4410	4370	4280	4280	4280
							29	10370	9710	9630	9430	9430	9430
							2.4	5020	4700	4650	4560	4560	4560
							35	11060	10350	10240	10040	10040	10040
	15.1	72.9	34.1	219.0	2.8		5500	5150	5100	5000	5000	5000	
					41		12110	11340	11230	11010	11010	11010	
					3.2		5930	5550	5500	5390	5390	5390	
					46		13060	12220	12110	11870	11870	11870	
					3.6		6330	5920	5870	5750	5750	5750	
					52		13940	13040	12930	12670	12670	12670	
					4.0		6670	6240	6180	6060	6060	6060	
					58		14690	13740	13610	13350	13350	13350	
4.4	7150	6700	6630	6500	6500	6500							
64	15750	14760	14600	14320	14320	14320							

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Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)					
		SW	OD					Speed (kmph) (mph)					
		mm	mm					10	25	30	40	50	65
		inch	inch					6	16	19	25	31	40
VF 520/85R46 (SB)	DW18L	530	2052	949	6162	173 D	1.0	4760	4460	4420	4330	4330	4330
							15	10480	9820	9740	9540	9540	9540
		1.2	5360	5020	4970		4870	4870	4870				
		17	11810	11060	10950		10730	10730	10730				
	20.9	80.8	37.4	242.6	1.6		6560	6140	6080	5960	5960	5960	
					23		14450	13520	13390	13130	13130	13130	
					2		7150	6700	6630	6500	6500	6500	
					29		15750	14760	14600	14320	14320	14320	
VF 320/90R50 (SB)	W11	323	1846	873	5543	169 D	1.0	2540	2380	2360	2310	2310	2310
							15	5590	5240	5200	5090	5090	5090
							1.6	3490	3270	3230	3170	3170	3170
							23	7690	7200	7110	6980	6980	6980
		12.7	72.7	34.4	218.2		2.0	3830	3580	3550	3480	3480	3480
							29	8440	7890	7820	7670	7670	7670
							2.4	4080	3820	3780	3710	3710	3710
							35	8990	8410	8330	8170	8170	8170
	2.8						4470	4180	4140	4060	4060	4060	
	41						9850	9210	9120	8940	8940	8940	
	3.6						5140	4810	4760	4670	4670	4670	
	52						11320	10590	10480	10290	10290	10290	
	4.4	5890	5510	5460	5350		5350	5350					
	64	12970	12140	12030	11780		11780	11780					
	4.8	6380	5970	5920	5800		5800	5800					
	70	14050	13150	13040	12780		12780	12780					

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		SW	OD					Speed (kmph) (mph)					
		mm	mm					10	25	30	40	50	65
		inch	inch					inch	inch	inch	inch	inch	inch
VF 380/90R50 (SB)	W13	383	1954	917	5868	175 D	1	3270	3060	3030	2970	2970	2970
							15	7200	6740	6670	6540	6540	6540
							1.6	4490	4200	4160	4080	4080	4080
							23	9890	9250	9160	8990	8990	8990
							2	4920	4600	4560	4470	4470	4470
							29	10840	10130	10040	9850	9850	9850
							2.4	5250	4910	4870	4770	4770	4770
	35	11560	10810	10730	10510		10510	10510					
	2.8	5740	5380	5320	5220		5220	5220					
	41	12640	11850	11720	11500		11500	11500					
	3.2	6190	5800	5740	5630		5630	5630					
	46	13630	12780	12640	12400		12400	12400					
	3.6	6610	6190	6130	6010		6010	6010					
	52	14560	13630	13500	13240		13240	13240					
4.4	7590	7110	7040	6900	6900	6900							
64	16720	15660	15510	15200	15200	15200							
VF 380/105R50 (SB)	W13	383	2068	964	6210	179 D	1.0	3700	3460	3430	3360	3360	3360
							15	8150	7620	7560	7400	7400	7400
							1.6	5080	4760	4710	4620	4620	4620
							23	11190	10480	10370	10180	10180	10180
							2.0	5590	5230	5180	5080	5080	5080
							29	12310	11520	11410	11190	11190	11190
							2.4	5950	5570	5520	5410	5410	5410
	35	13110	12270	12160	11920		11920	11920					
	2.8	6510	6100	6040	5920		5920	5920					
	41	14340	13440	13300	13040		13040	13040					
	3.2	7030	6580	6520	6390		6390	6390					
	46	15480	14490	14360	14070		14070	14070					
	3.6	7490	7010	6950	6810		6810	6810					
	52	16500	15440	15310	15000		15000	15000					
4	7900	7400	7320	7180	7180	7180							
58	17400	16300	16120	15810	15810	15810							
4.4	8530	7980	7910	7750	7750	7750							
64	18790	17580	17420	17070	17070	17070							
		15.1	81.4	38.0	244.5								

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		SW	OD					Speed (kmph) (mph)					
		mm	mm					10	25	30	40	50	65
		inch	inch					6	16	19	25	31	40
VF 420/95R50 (SB)	W14L	419	2068	964	6210	177 D	1.0	3960	3710	3670	3600	3600	3600
							15	8720	8170	8080	7930	7930	7930
							1.6	5430	5090	5040	4940	4940	4940
							23	11960	11210	11100	10880	10880	10880
							2.0	5970	5590	5540	5430	5430	5430
							29	13150	12310	12200	11960	11960	11960
							2.4	6360	5950	5900	5780	5780	5780
	15.1	16.1	17.1	18.1	35		14010	13110	13000	12730	12730	12730	
					2.8		6960	6520	6460	6330	6330	6330	
					41		15330	14360	14230	13940	13940	13940	
					3.2		7510	7030	6970	6830	6830	6830	
					46		16540	15480	15350	15040	15040	15040	
					3.6		8030	7520	7450	7300	7300	7300	
					52		17690	16560	16410	16080	16080	16080	
VF 480/80R50 (SB)	DW16L	479	2038	952	6120	179 D	1	4180	3910	3880	3800	3800	3800
							15	9210	8610	8550	8370	8370	8370
							1.6	5750	5390	5330	5230	5230	5230
							23	12670	11870	11740	11520	11520	11520
							2	6310	5910	5850	5740	5740	5740
							29	13900	13020	12890	12640	12640	12640
							2.4	6720	6290	6230	6110	6110	6110
	18.9	80.2	37.5	240.9	35		14800	13850	13720	13460	13460	13460	
					2.8		7370	6900	6830	6700	6700	6700	
					41		16230	15200	15040	14760	14760	14760	
					3.2		7950	7450	7370	7230	7230	7230	
					46		17510	16410	16230	15930	15930	15930	
					3.6		8530	7980	7910	7750	7750	7750	
					52		18790	17580	17420	17070	17070	17070	

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		SW	OD					Speed (kmph) (mph)					
		mm	mm					10	25	30	40	50	65
		inch	inch					bar	Psi	6	16	19	25
VF 480/95R50 (SB)	DW16L	479	2182	1011	6552	176 D	1.0	4830	4520	4480	4390	4390	4390
							15	10640	9960	9870	9670	9670	9670
							1.6	6640	6220	6160	6040	6040	6040
							23	14630	13700	13570	13300	13300	13300
		2.0	7290	6830	6760		6630	6630	6630				
		29	16060	15040	14890		14600	14600	14600				
		2.4	7810	7310	7240		7100	7100	7100				
		35	17200	16100	15950		15640	15640	15640				
VF 320/90R54 (SB)	W11	323	1948	924	5850	168 D	1	2650	2480	2460	2410	2410	2410
							15	5840	5460	5420	5310	5310	5310
							1.6	3640	3410	3380	3310	3310	3310
							23	8020	7510	7440	7290	7290	7290
							2	3990	3740	3700	3630	3630	3630
							29	8790	8240	8150	8000	8000	8000
							2.4	4260	3990	3950	3870	3870	3870
							35	9380	8790	8700	8520	8520	8520
		2.8	4660	4370	4320		4240	4240	4240				
		41	10260	9630	9520		9340	9340	9340				
		3.2	5030	4710	4660		4570	4570	4570				
		46	11080	10370	10260		10070	10070	10070				
		3.6	5360	5020	4970		4870	4870	4870				
		52	11810	11060	10950		10730	10730	10730				
		4.4	6160	5770	5710		5600	5600	5600				
		64	13570	12710	12580		12330	12330	12330				
		12.7	76.7	36.4	230.3								

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Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	LI/SI	Inflation Pressure	Recommended load (kg) (lbs)					
		SW	OD					Speed (kmph) (mph)					
		mm	mm					10	25	30	40	50	65
		inch	inch					bar	Psi	6	16	19	25
VF 380/105R54 (SB)	W13	383	2163	1012	6495	180 D	1	3830	3580	3550	3480	3480	3480
							14	8440	7890	7820	7670	7670	7670
							1.6	5260	4920	4880	4780	4780	4780
							23	11590	10840	10750	10530	10530	10530
							2	5760	5400	5340	5240	5240	5240
							29	12690	11890	11760	11540	11540	11540
							2.4	6140	5750	5690	5580	5580	5580
							35	13520	12670	12530	12290	12290	12290
							2.8	6730	6300	6240	6120	6120	6120
	41	14820	13880	13740	13480	13480	13480						
	3.2	7260	6800	6730	6600	6600	6600						
	46	15990	14980	14820	14540	14540	14540						
	3.6	7740	7250	7180	7040	7040	7040						
	52	17050	15970	15810	15510	15510	15510						
	4	8160	7640	7570	7420	7420	7420						
	58	17970	16830	16670	16340	16340	16340						
	4.4	8800	8240	8160	8000	8000	8000						
	64	19380	18150	17970	17620	17620	17620						
		15.1	85.2	39.9	255.7								

Note: VF- Very High Flexion SB - Steel Belted

Note: All tyres confirm to ETRTO standards

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